

Labor Market Information Reports for WIOA Approved Training Program Consideration July 2017

Prepared by:
Labor Market Information Center
South Dakota Department of Labor and Regulation
Incorporating program information determined by
Program Providers

Mitchell Technical Institute

Cullinary Arts

Classification of Instructional Program (CIP) Code: 12.0503

Employment Projections and Wage Estimates for Related Occupations

Standard Occupational Classification Code	Standard Occupational Classification Title	Employment		Percent Change	Average Annual Demand for Workers	Percentile Annual Wages		Average Annual Wage	Current Job Openings as a Percent of Job Seekers
		2014	2024			10th	25th		
		35-1011	Chefs and Head Cooks			92	104		
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	1,783	2,028	13.7	77	\$25,829	\$28,465	\$33,017	n/a
35-2013	Cooks, Private Household	289	304	5.2	10	n/a	n/a	n/a	n/a
35-2014	Cooks, Restaurant	1,864	2,240	20.2	87	\$19,713	\$21,196	\$23,912	n/a

Human Services

Classification of Instructional Program (CIP) Code: 44.0000

Employment Projections and Wage Estimates for Related Occupations

Standard Occupational Classification Code	Standard Occupational Classification Title	Employment		Percent Change	Average Annual Demand for Workers	Percentile Annual Wages		Average Annual Wage	Current Job Openings as a Percent of Job Seekers
		2014	2024			10th	25th		
		11-9151	Social and Community Service Managers			234	253		
21-1093	Social and Human Service Assistants	923	1,009	9.3	27	\$19,495	\$21,034	\$24,602	68.5%

Mitchell Technical Institute, continued

GPS/GIS Mapping

Classification of Instructional Program (CIP) Code: 45.0702

Employment Projections and Wage Estimates for Related Occupations

Standard Occupational Classification Code	Standard Occupational Classification Title	Employment		Percent Change	Average Annual Demand for Workers	Percentile Annual Wages		Average Annual Wage	Current Job Openings as a Percent of Job Seekers
		2014	2024			10th	25th		
11-9199	Managers, All Other	701	731	4.3	19	\$ 53,332	\$ 66,938	\$ 93,009	22.0%
17-1021	Cartographers and Photogrammetrists	66	87	31.8	4	\$ 40,250	\$ 50,889	\$ 62,235	9.5%
25-1065	Geography Teachers, Postsecondary	n/a	n/a	n/a	n/a	\$ 40,905	\$ 45,643	\$ 62,981	12.5%

Professional Truck Driving

Classification of Instructional Program (CIP) Code: 49.0205

Employment Projections and Wage Estimates for Related Occupations

Standard Occupational Classification Code	Standard Occupational Classification Title	Employment		Percent Change	Average Annual Demand for Workers	Percentile Annual Wages		Average Annual Wage	Current Job Openings as a Percent of Job Seekers
		2014	2024			10th	25th		
25-1194	Vocational Education Teachers, Postsecondary	277	306	10.5	8	\$32,456	\$39,060	\$46,734	n/a
53-3021	Bus Drivers, Transit and Intercity	374	412	10.2	9	\$21,256	\$23,130	\$27,148	n/a
53-3022	Bus Drivers, School or Special Client	1,404	1,445	2.9	22	\$21,990	\$25,434	\$29,970	n/a
53-3032	Heavy and Tractor-Trailer Truck Drivers	8,484	9,224	8.7	218	\$28,104	\$32,554	\$40,094	n/a
53-3033	Light Truck or Delivery Services Drivers	2,370	2,576	8.7	61	\$19,345	\$22,141	\$31,464	n/a

Mitchell Technical Institute, continued

Licensed Practical Nursing

Classification of Instructional Program (CIP) Code: 51.3901

Employment Projections and Wage Estimates for Related Occupations

Standard Occupational Classification Code	Standard Occupational Classification Title	Employment		Percent Change	Average Annual Demand for Workers	Percentile Annual Wages		Average Annual Wage	Current Job Openings as a Percent of Job Seekers
		2014	2024			10th	25th		
		29-2061	Licensed Practical and Licensed Vocational Nurses			2,017	2,040		

Business Management

Small Business Management

Classification of Instructional Program (CIP) Code: 52.0703

Employment Projections and Wage Estimates for Related Occupations

Standard Occupational Classification Code	Standard Occupational Classification Title	Employment		Percent Change	Average Annual Demand for Workers	Percentile Annual Wages		Average Annual Wage	Current Job Openings as a Percent of Job Seekers
		2014	2024			10th	25th		
		11-9199	Managers, All Other			701	731		

Provided by the Labor Market Information Center, South Dakota Department of Labor and Regulation, incorporating program data provided by training program providers.

Regional Technical Education Center (RTEC)

Welding Technology/Welder

Classification of Instructional Program (CIP) Code: 48.0508

Employment Projections and Wage Estimates for Related Occupations

Standard Occupational Classification Code	Standard Occupational Classification Title	Employment		Percent Change	Average Annual Demand for Workers	Percentile Annual Wages		Average Annual Wage	Current Job Openings as a Percent of Job Seekers
		2014	2024			10th	25th		
		51-4121	Welders, Cutters, Solderers, and Brazers			3,253	3,663		
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	689	625	-9.3	20	\$ 32,801	\$ 35,728	\$ 40,644	34.6%

Computer Numeric Controlled (CNC) Machinist Technology/CNC Machinist

Classification of Instructional Program (CIP) Code: 48.0510

Employment Projections and Wage Estimates for Related Occupations

Standard Occupational Classification Code	Standard Occupational Classification Title	Employment		Percent Change	Average Annual Demand for Workers	Percentile Annual Wages		Average Annual Wage	Current Job Openings as a Percent of Job Seekers
		2014	2024			10th	25th		
		51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic			352	480		
51-4012	Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	61	83	36.1	4	\$34,518	\$38,225	\$47,505	n/a

Regional Technical Education Center (RTEC), continued

Truck and Bus Driver/Commercial Vehicle Operator

Classification of Instructional Program (CIP) Code: 49.0205

Employment Projections and Wage Estimates for Related Occupations

Standard Occupational Classification Code	Standard Occupational Classification Title	Employment		Percent Change	Average Annual Demand for Workers	Percentile Annual Wages		Average Annual Wage	Current Job Openings as a Percent of Job Seekers
		2014	2024			10th	25th		
		25-1194	Vocational Education Teachers, Postsecondary			277	306		
53-3021	Bus Drivers, Transit and Intercity	374	412	10.2	9	\$21,256	\$23,130	\$27,148	n/a
53-3022	Bus Drivers, School or Special Client	1,404	1,445	2.9	22	\$21,990	\$25,434	\$29,970	n/a
53-3032	Heavy and Tractor-Trailer Truck Drivers	8,484	9,224	8.7	218	\$28,104	\$32,554	\$40,094	n/a
53-3033	Light Truck or Delivery Services Drivers	2,370	2,576	8.7	61	\$19,345	\$22,141	\$31,464	n/a

Provided by the Labor Market Information Center, South Dakota Department of Labor and Regulation, incorporating program data provided by training program providers.

Western Dakota Technical Institute

Law Enforcement Technology

Classification of Instructional Program (CIP) Code: 43.0107

Employment Projections and Wage Estimates for Related Occupations

Standard Occupational Classification Code	Standard Occupational Classification Title	Employment		Percent Change	Average Annual Demand for Workers	Percentile Annual Wages		Average Annual Wage	Current Job Openings as a Percent of Job Seekers
		2014	2024			10th	25th		
		25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary			26	32		
33-3011	Bailiffs	105	108	2.9	3	n/a	n/a	n/a	n/a
33-3021	Detectives and Criminal Investigators	229	240	4.8	7	\$42,640	\$49,548	\$71,403	n/a
33-3051	Police and Sheriff's Patrol Officers	1,871	1,975	5.6	72	\$30,219	\$36,089	\$45,997	n/a
33-9021	Private Detectives and Investigators	n/a	n/a	n/a	n/a	\$25,432	\$26,638	\$29,500	n/a

Plumbing Technician

Classification of Instructional Program (CIP) Code: 46.0503

Employment Projections and Wage Estimates for Related Occupations

Standard Occupational Classification Code	Standard Occupational Classification Title	Employment		Percent Change	Average Annual Demand for Workers	Percentile Annual Wages		Average Annual Wage	Current Job Openings as a Percent of Job Seekers
		2014	2024			10th	25th		
		47-1011	First-Line Supervisors of Construction Trades			1,533	1,658		
47-2152	Plumbers, Pipefitters, and Steamfitters	1,003	1,096	9.3	22	\$28,265	\$33,698	\$42,352	93.1%
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	93	99	6.5	3	\$19,141	\$23,525	\$30,330	11.1%

Western Dakota Technical Institute, continued

Business and Technology

Classification of Instructional Program (CIP) Code: 52.0201

Employment Projections and Wage Estimates for Related Occupations

Standard Occupational Classification Code	Standard Occupational Classification Title	Employment		Percent Change	Average Annual Demand for Workers	Percentile Annual Wages		Average Annual Wage	Current Job Openings as a Percent of Job Seekers
		2014	2024			10th	25th		
		25-1071	Health Specialties Teachers, Postsecondary			134	163		
29-1127	Speech-Language Pathologists	388	425	9.5	14	\$40,776	\$47,472	\$58,767	n/a
29-1181	Audiologists	38	46	21.1	2	\$42,296	\$47,240	\$61,772	n/a

Provided by the Labor Market Information Center, South Dakota Department of Labor and Regulation, incorporating program data provided by training program providers.

Labor Market Information Reports for Programs Proposed as Approved Training Programs
Workforce Innovation and Opportunity Act
July 2017
Explanations and Technical Notes

Program and Institution

Workforce Innovation and Opportunity Act (WIOA) staff provided to the Labor Market Information Center (LMIC), South Dakota Department of Labor and Regulation, a list of the educational programs to be considered for eligibility in the Build Dakota Scholarship program. Program staff gathered the educational program information from the individual training providers. WIOA staff provided the institute name where each program is, the Classification of Instruction Programs (CIP) code of the program, and the program title. The Program and Institution information included in this report is based largely on that information provided by WIOA staff.

Employment Projections and Wage Estimates for Related Occupations

Each CIP code provided in the document from DOE was then matched to Standard Occupational Classification (SOC) Codes, using the most currently available CIP (2010) to SOC (2010) Crosswalk from the National Center for Education Statistics. The occupations included in the Employment Projections and Wage Estimates sections of this report are based on that crosswalk.

The **employment** levels included are based on South Dakota employment projections completed by the Labor Market Information Center. The projections period uses a base year of 2014, with employment projected to 2024. The percent change column indicates the projected employment change from 2014 to 2024, in percentage terms. The average annual demand is another indicator included in the projections data; it is actually a more comprehensive measure of the future need for workers than employment levels are. The demand for workers needed yearly is based on two factors: the number of jobs expected to be available due to employment growth, and the number of jobs expected to be available due to replacement needs. Replacement needs are attributed to workers permanently leaving an occupation (e.g. retirement, death or leaving the workforce for other reasons). For more details on the employment projections, please visit the LMIC web page http://dlr.sd.gov/lmic/projections_technical_notes.aspx.

The **percentile annual wages** are based on data tabulated by LMIC through the Occupational Employment Statistics (OES) survey conducted in cooperation with the U.S. Bureau of Labor Statistics. The percentile represents the percentage of an occupation's workers who earn less than or equal to that wage. For certain occupations, the upper percentile wages may not be available because of disclosure concerns or reliability issues. The following percentile wages represent distinct measures of the entire wage range:

10th Percentile: 10% earn less than or equal to this amount; 90% earn more

25th Percentile: 25% earn less than or equal to this amount; 75% earn more

The **average annual wage** represents the arithmetic mean of the wage data collected, calculated by dividing the estimated total wages for an occupation by the number of workers in that occupation. The average wage is also referred to as the mean wage. The wage data are 2016 estimates. For more details on the occupational wages, please visit the LMIC web page http://dlr.sd.gov/lmic/occupational_wages_technical_notes.aspx.

Explanations and Technical Notes, continued

The **current job openings** are based on data tabulated on job openings listed by employers and job seekers registered with the Department of Labor and Regulation through SDWORKS. Data on job openings was captured for the period 04/01/2016 to 03/31/2017 April 1, 2016 through March 31, 2017. The job seeker data was captured on March 31, 2017. For each occupation, the number of job openings was divided by the number of job seekers interested in that occupation. The resulting percentage indicates how the number of job openings compares to the number of job seekers in that occupation. In other words, for those occupations where the current job openings as a percent of job seekers is greater than 100 percent, current job openings in that occupation outnumber the number of individuals seeking work in that occupation.

n/a - Data is not available, normally due to precautions taken to prevent disclosure of confidential information.

ADDENDUM

Standard Occupational Classification Code	SOCTitle	Current Job Openings as a Percent of Seekers	Job Openings 04/01/2016 to 03/31/2017	Seekers 03/31/2017
11-9151	Social and Community Service Managers	32.9%	53	161
11-9199	Managers, All Other	22.0%	214	974
17-1021	Cartographers and Photogrammetrists	9.5%	2	21
21-1093	Social and Human Service Assistants	68.5%	398	581
25-1065	Geography Teachers, Postsecondary	12.5%	1	8
25-1071	Health Specialties Teachers, Postsecondary	328.6%	23	7
29-2041	Emergency Medical Technicians and Paramedics	69.4%	77	111
29-2061	Licensed Practical and Licensed Vocational Nurses	582.0%	774	133
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	37.9%	67	177
47-2152	Plumbers, Pipefitters, and Steamfitters	93.1%	162	174
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	11.1%	1	9
51-4121	Welders, Cutters, Solderers, and Brazers	36.0%	430	1,194
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	34.6%	73	211